

Chassis No. SCC-65A-A

KV-9200**PRELIMINARY***USA Model***TRINITRON®
COLOR TV****SPECIFICATIONS**

TV-signal standards:	American TV standards (NTSC color)	Automatic controls:	AFT (automatic fine tuning) AGC (automatic gain control) AFC (automatic frequency control) ANC (automatic noise canceller) ABL (automatic brightness limiter) ACC (automatic color control) ACK (automatic color killer) ADG (automatic degaussing) AVR (automatic voltage regulator)
Picture tube:	9" (measured diagonally) 90° deflection TRINITRON system	Power requirements:	120 V ac, 60 Hz
Semiconductors:	46 transistors, 34 diodes, 3 ICs and 1 FET	Power consumption:	75 W
Antenna:	VHF: 75 Ω unbalanced (telescopic antenna) 75 Ω external antenna jack UHF: 300 Ω balanced (loop antenna *) * Note: Supplied with accessories.	Dimensions:	262 (w) x 304 (h) x 338 (d) mm 10 $\frac{1}{4}$ (w) x 12 (h) x 13 $\frac{1}{4}$ (d) inches
Channel coverage:	VHF: Ch 2 ~ 13 UHF: Ch 14 ~ 83	Net weight:	9.05 kg (20 lb)
Intermediate frequencies:	Picture i-f carrier; 45.75 MHz Color subcarrier; 42.17 MHz Sound i-f carrier; 41.25 MHz	Accessories:	Earphone (ME-20A) UHF loop antenna (AN-15) Instruction manual External antenna connector (EAC-4)
Sound system:	4.5 MHz intercarrier Output power; 0.5 W (at 10 % harmonic distortion) Speaker; 7.7 cm (3 inches) dia, 8 Ω		
Video system:	RGB cathode drive		

**SONY®
SERVICE MANUAL**

4310

KV-9200

WARNING!!

THIS CHASSIS OPERATES WITH ONE SIDE OF THE POWER LINE CONNECTED TO THE CHASSIS. TO ELIMINATE SHOCK HAZARD AND PROTECT EQUIPMENT WHEN SERVICING THE SET WITH THE COVERS REMOVED, MAKE SURE THAT THE SET IS PLUGGED INTO A SUITABLY-RATED ISOLATION TRANSFORMER.

X-RAY RADIATION WARNING!!

BE SURE THAT PARTS REPLACEMENT IN THE HIGH VOLTAGE BLOCK AND ADJUSTMENTS MADE TO THE HIGH VOLTAGE CIRCUITS ARE CARRIED OUT PRECISELY IN ACCORDANCE WITH THE PROCEDURES GIVEN IN THIS MANUAL.

SECTION 1

BLOCK DIAGRAM

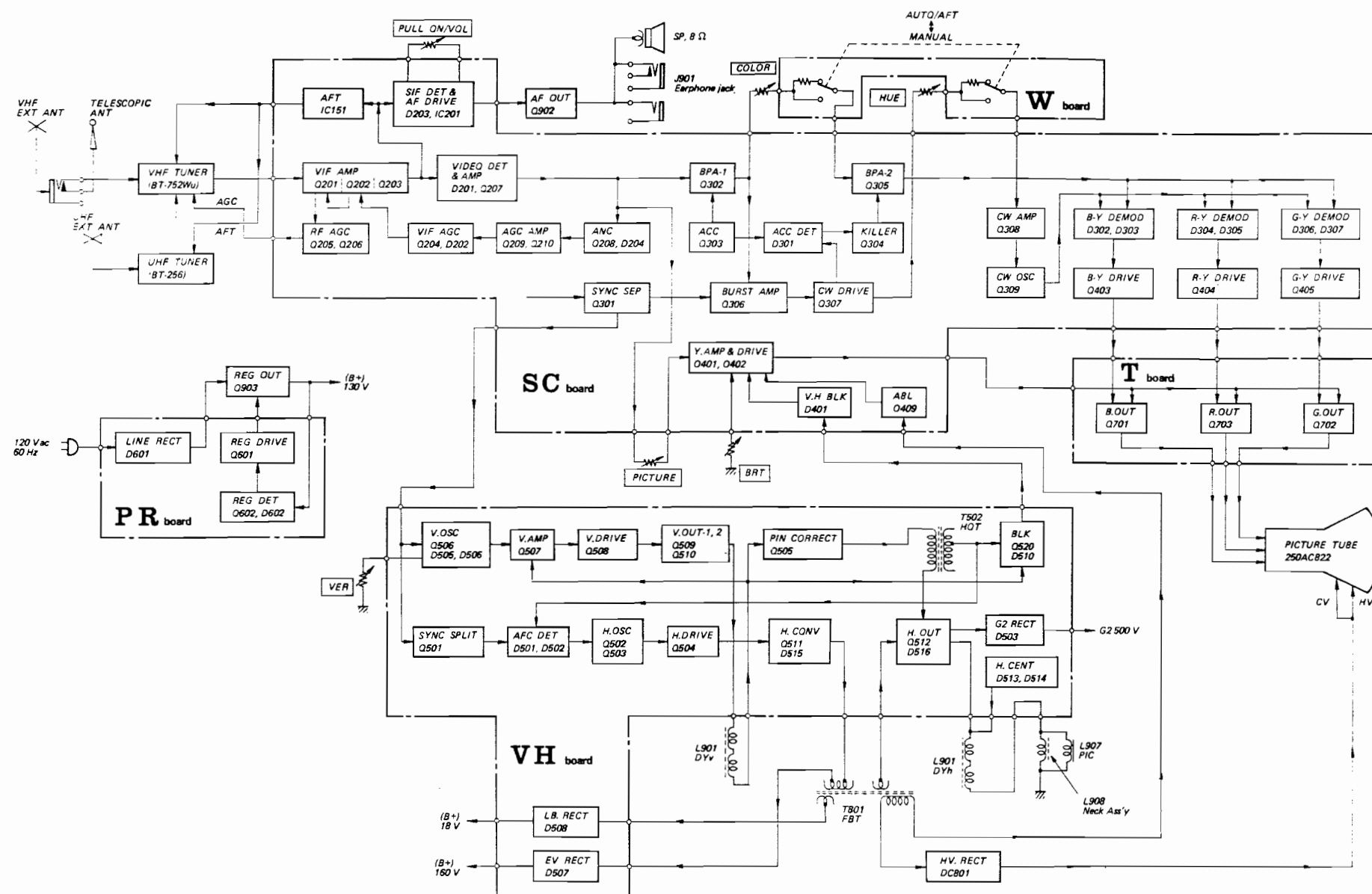
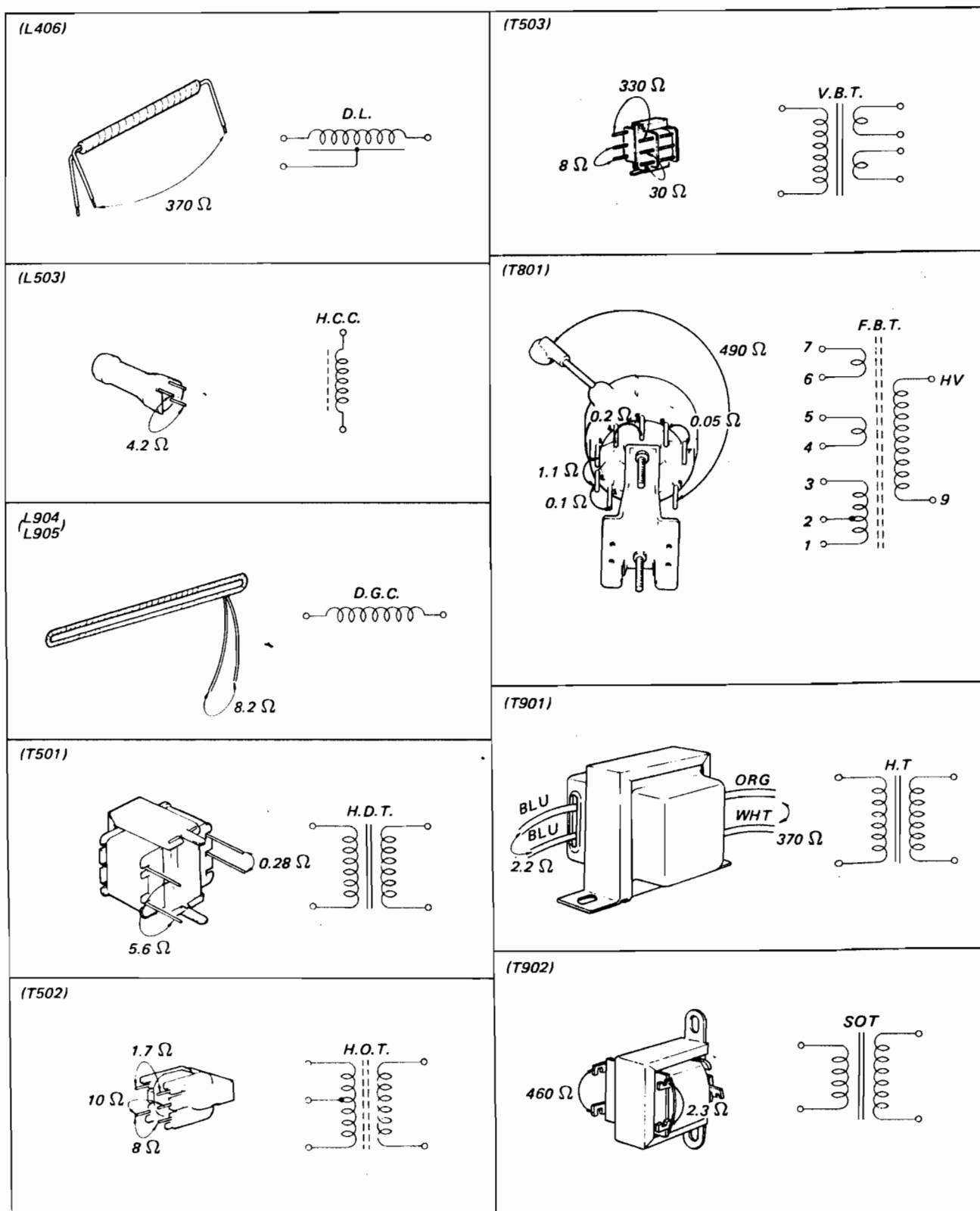


Fig. 1-1. Block diagram

SECTION 2

DIAGRAMS

2-1. DC RESISTANCE AND WIRING DIAGRAMS OF COILS AND TRANSFORMERS



7-7200

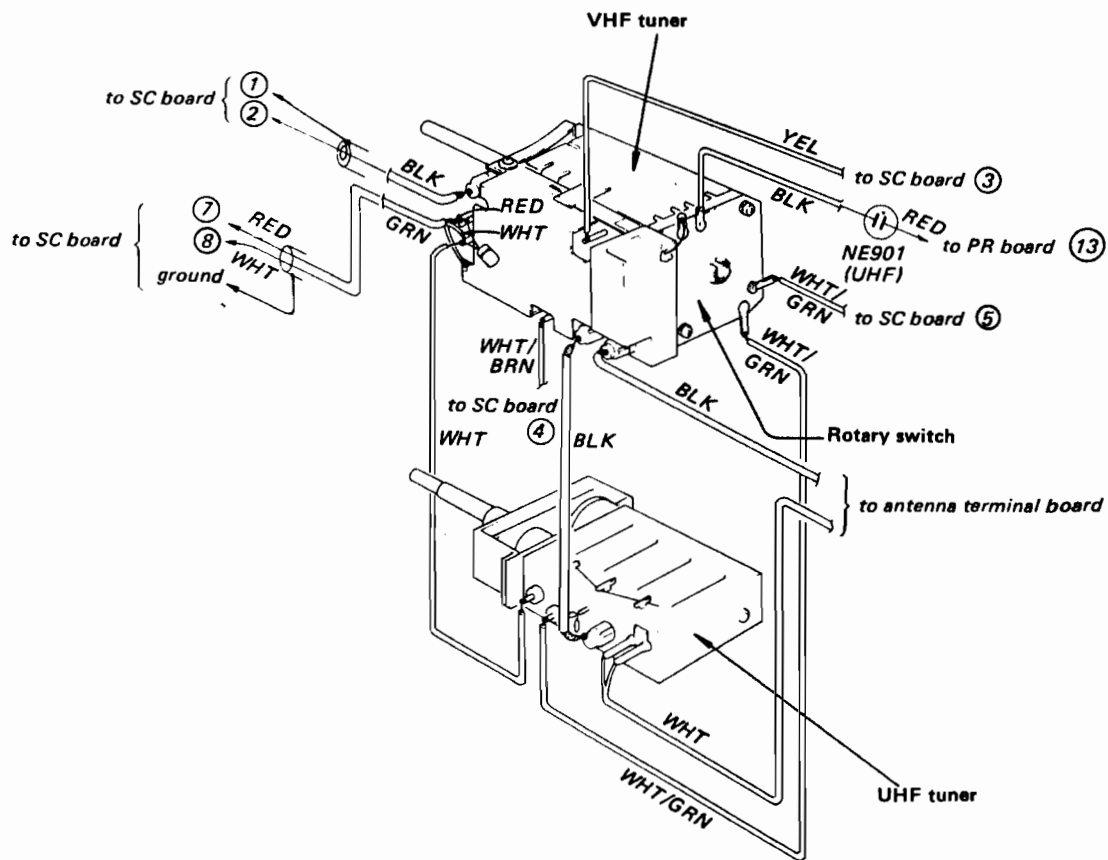


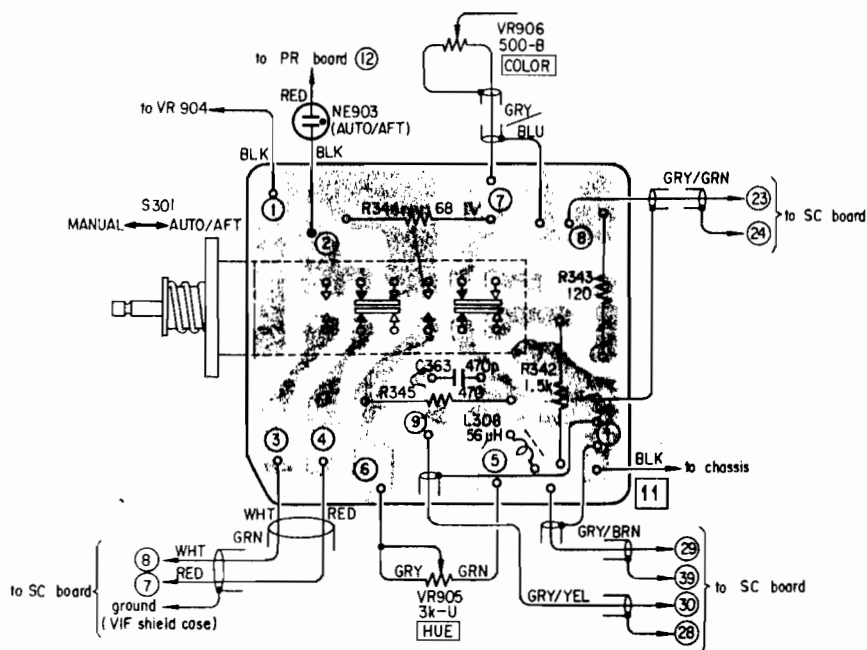
7-7200

7-7200



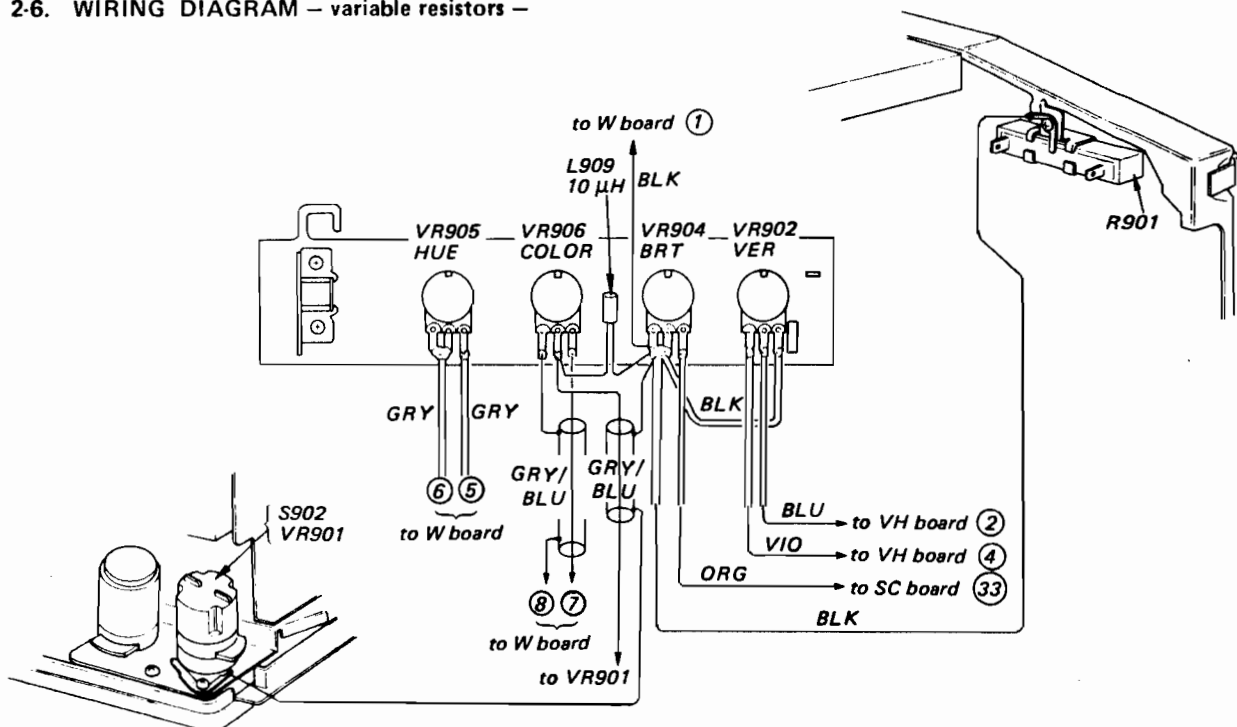
2-4. WIRING DIAGRAM – UHF and VHF tuners –



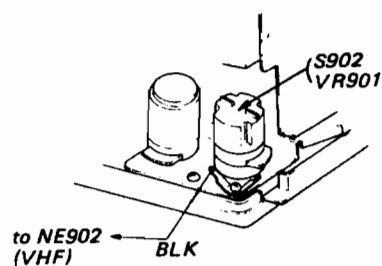
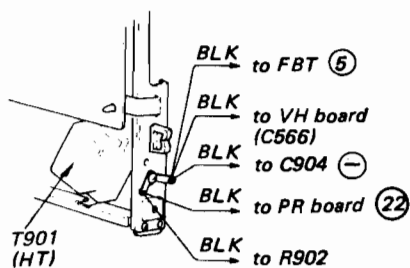
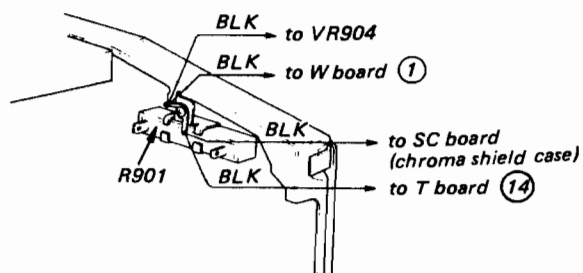
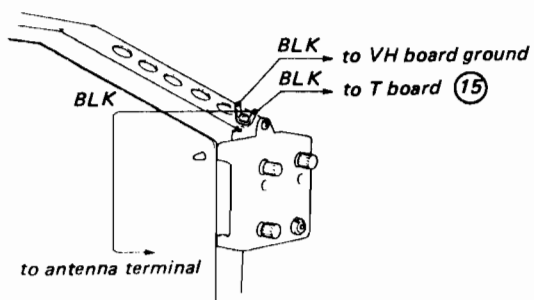
KV-9200**2.5. MOUNTING DIAGRAM – W board – (conductor side)**

Note: ● indicates parts or wire connection point on the conductor side.

○ indicates parts or wire connection point on the component side.

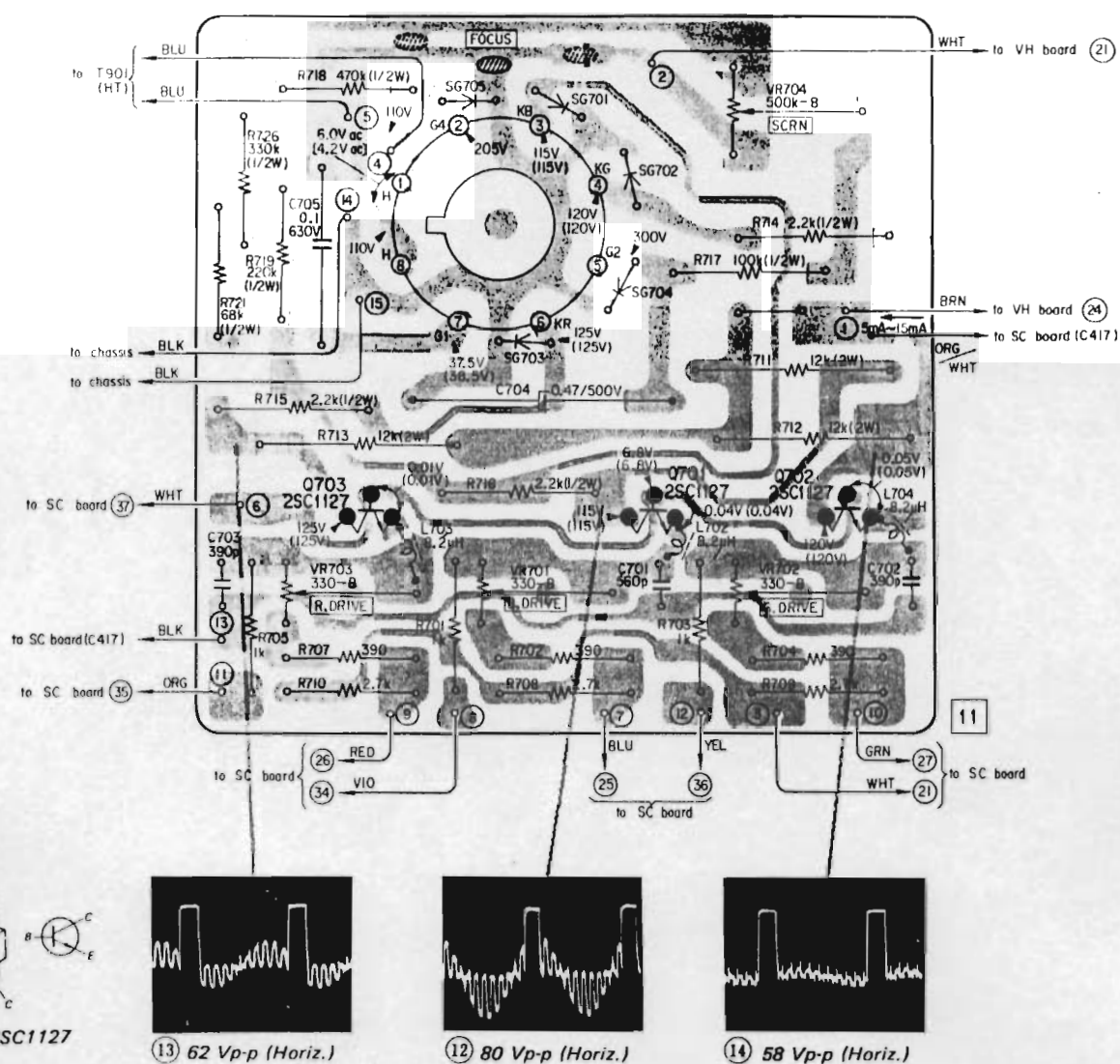
2.6. WIRING DIAGRAM – variable resistors –

2-7. WIRING DIAGRAMS — chassis ground —



2-8. MOUNTING DIAGRAM – T board – (conductor side)

Q	Q703	Q701	Q702
ADJ	VR703	VR701	VR704 VR702

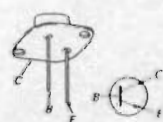
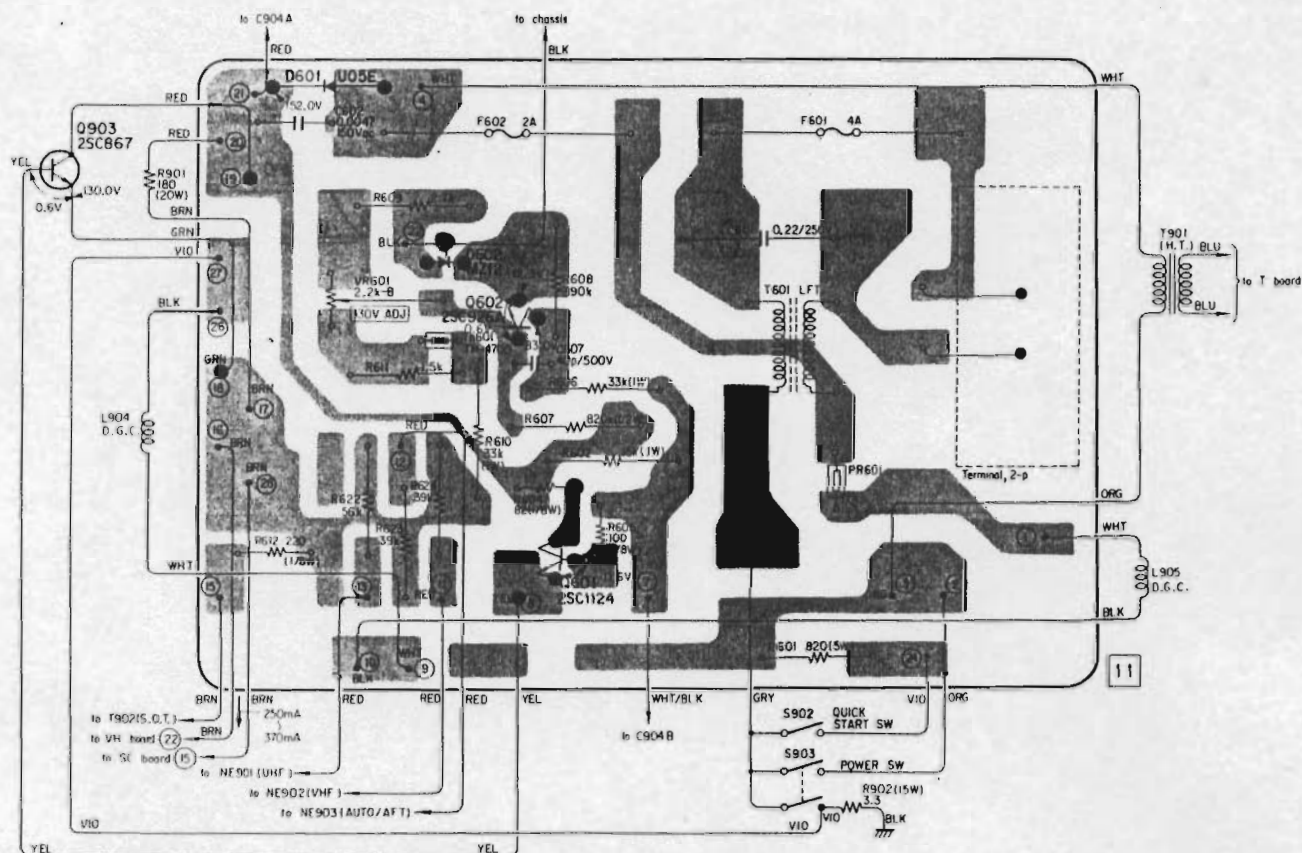


Note: ● indicates parts or wire connection point on the conductor side.

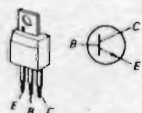
○ indicates parts or wire connection point on the component side.

Reading in [] indicates voltage when S902 (QUICK START) is ON.

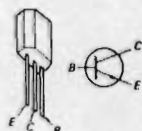
2-9. MOUNTING DIAGRAM – PR board – (conductor side)



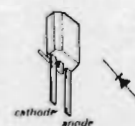
2SC867



2SC1124



2SC926A



MZ12



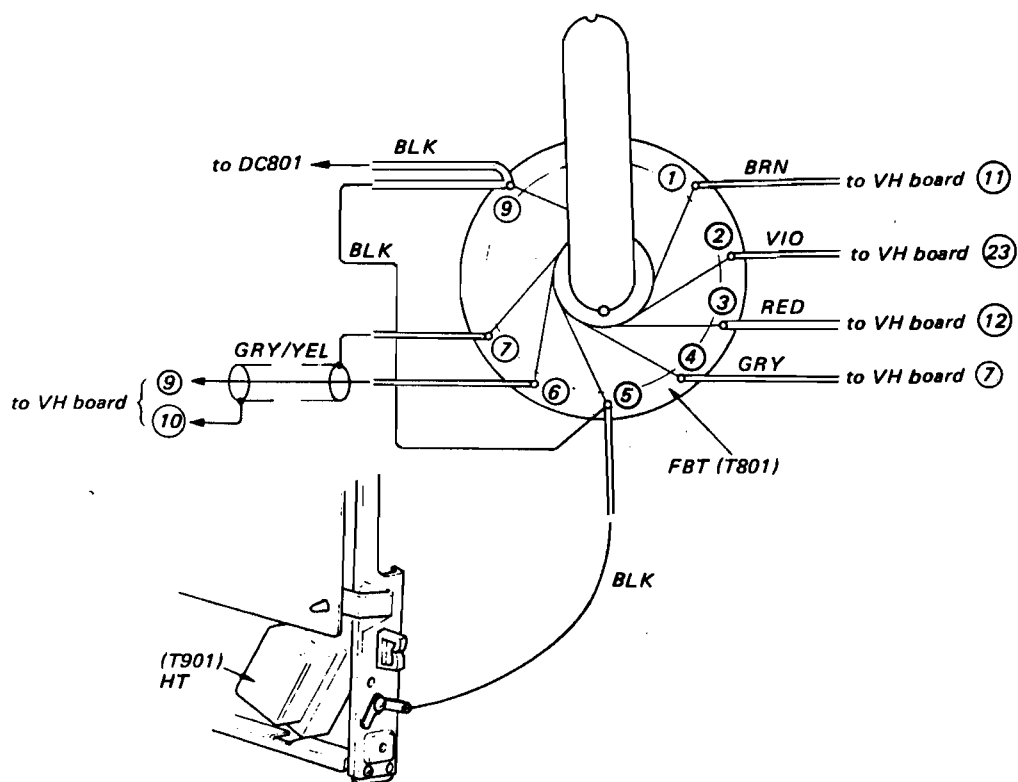
U05E

Note: ● indicates parts or wire connection point on the conductor side.

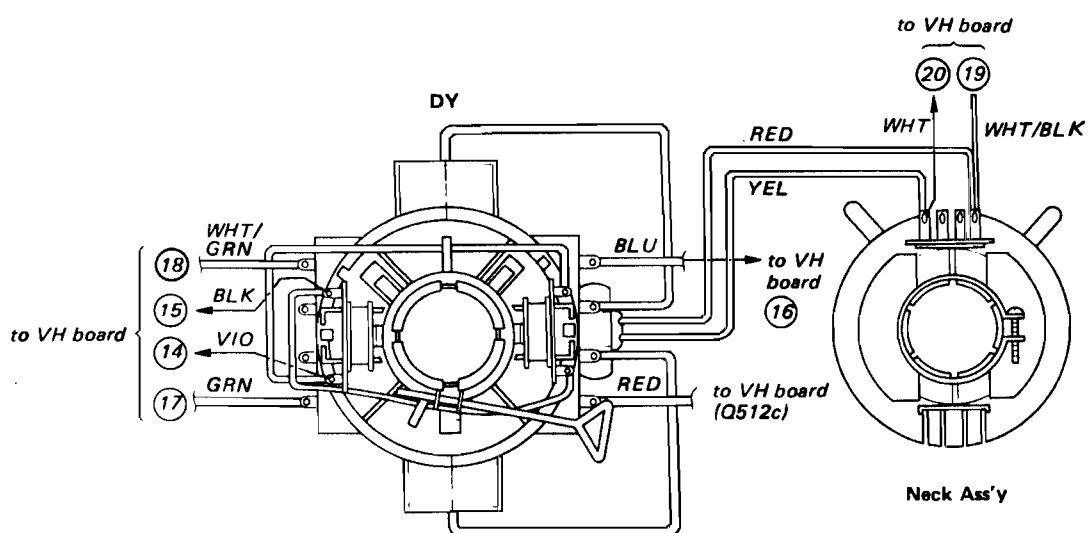
○ indicates parts or wire connection point on the component side.

V-9200

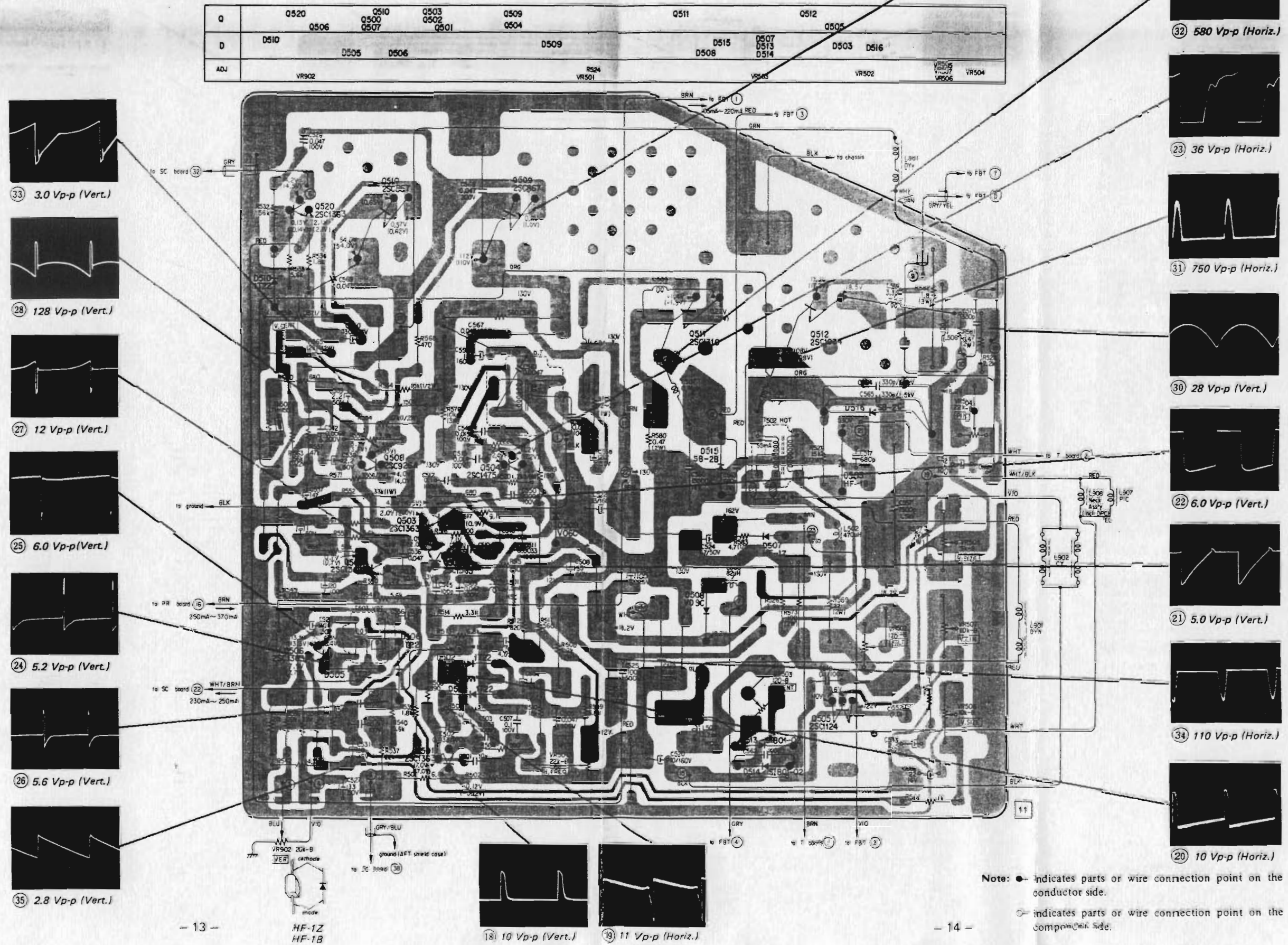
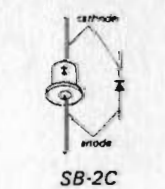
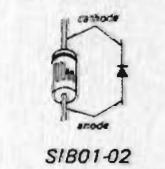
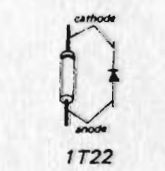
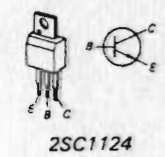
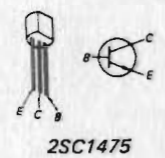
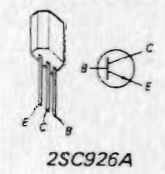
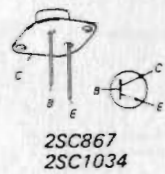
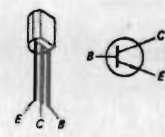
2-10. WIRING DIAGRAM – FBT –



2-11. WIRING DIAGRAMS – DY and neck ass'y –

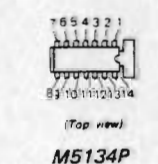
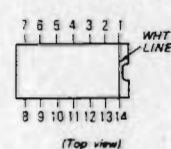
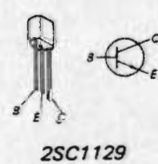
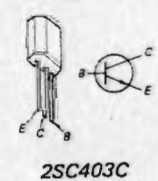
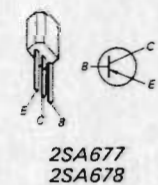
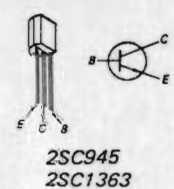


2-12. MOUNTING DIAGRAM - VH board - (conductor side)



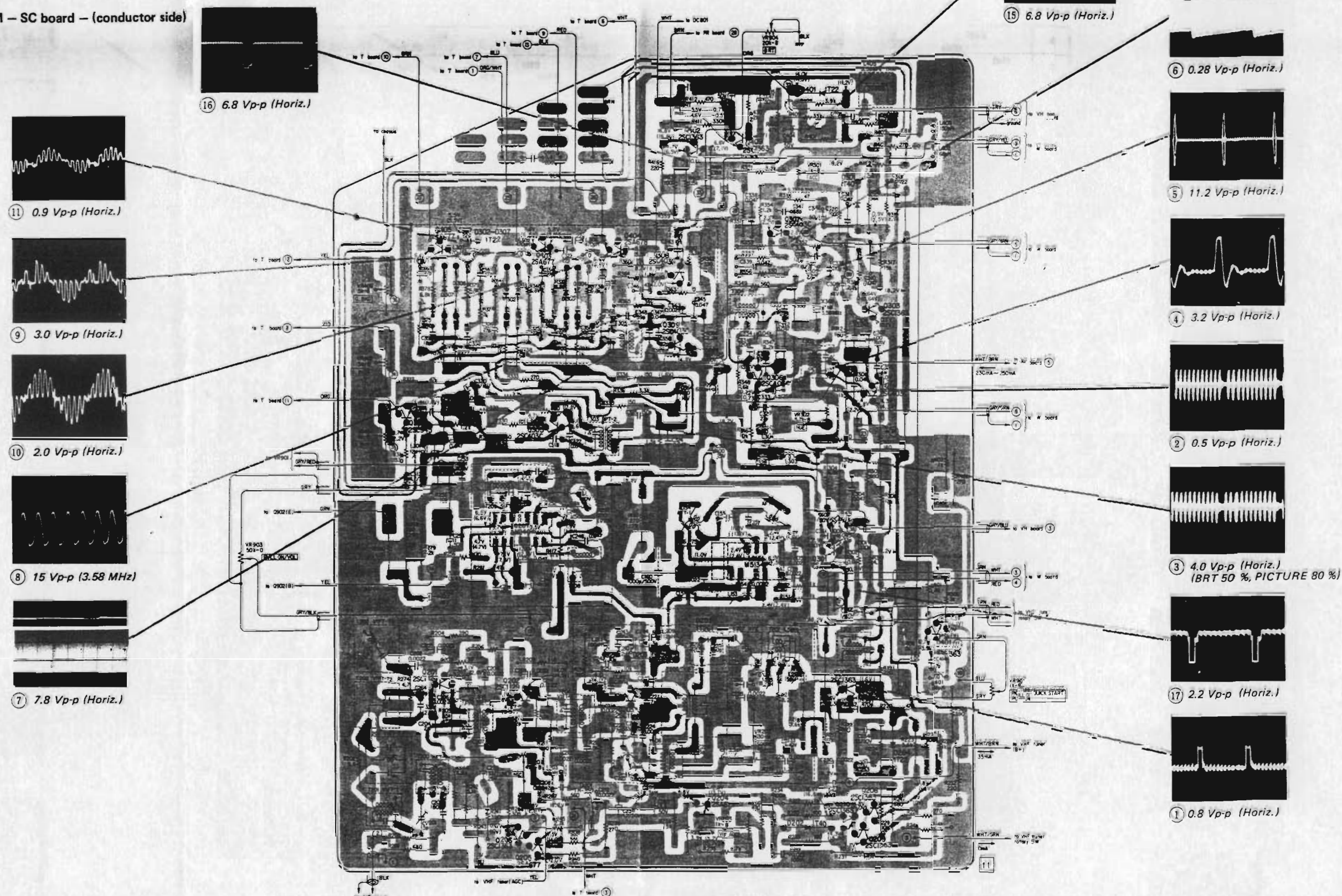
KV-9200 KV-9200

2-13. MOUNTING DIAGRAM — SC board — (conductor side)



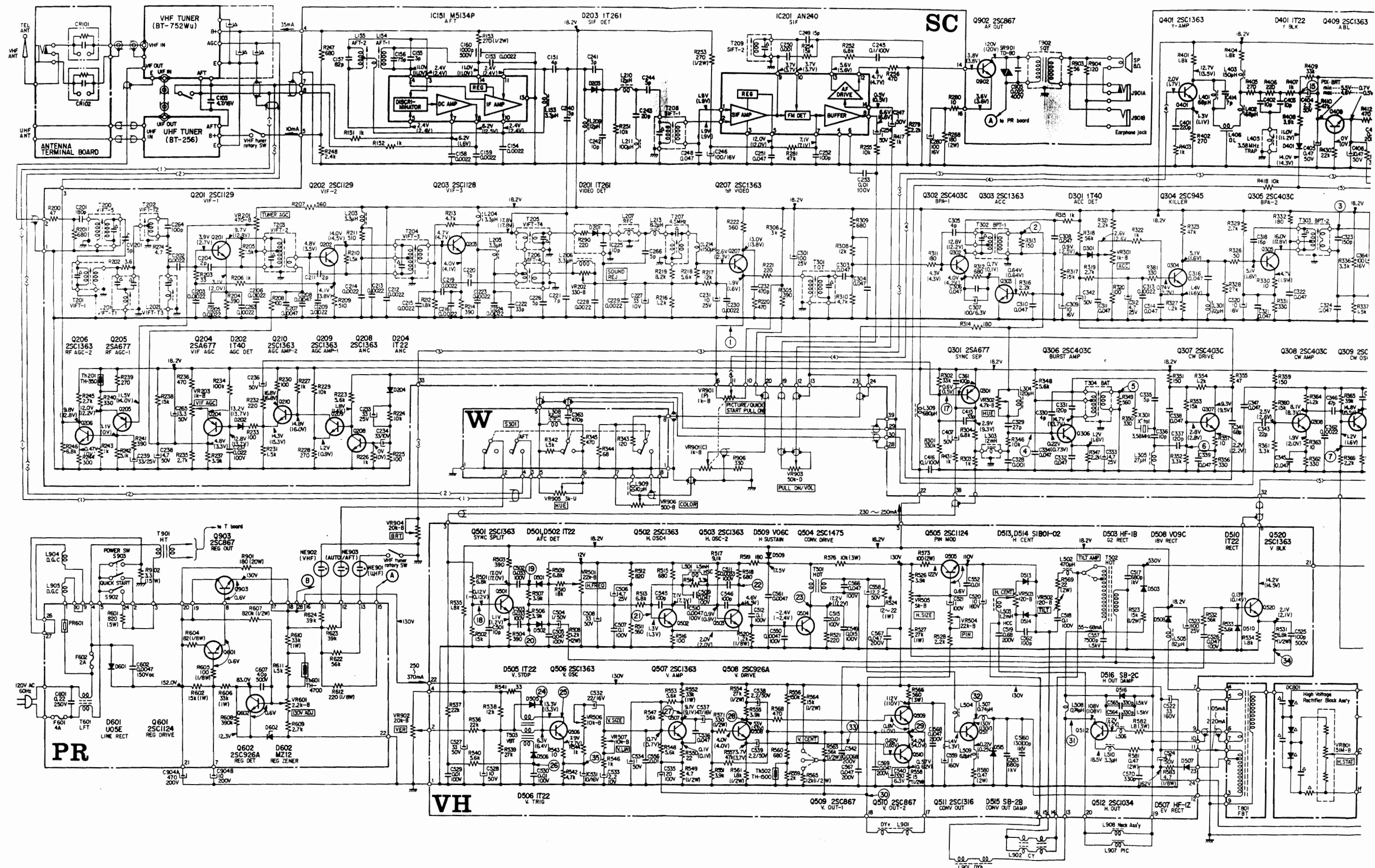
Note: ● indicates parts or wire connection point on the conductor side.

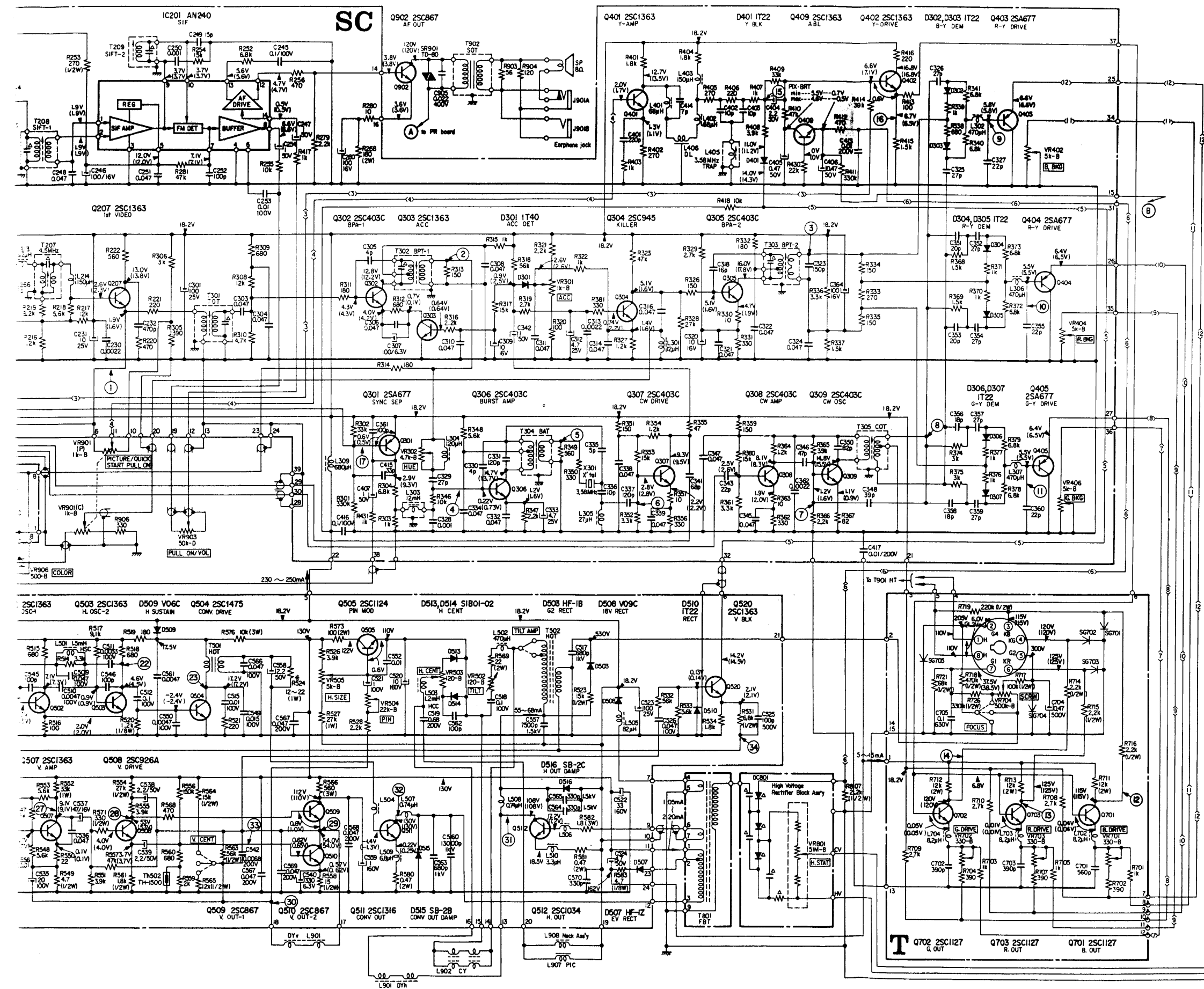
○ indicates parts or wire connection point on the component side.



Q, IC	Q304	Q405	IC201	Q403	Q305	Q404	Q308	Q402	Q409	IC181	Q307	Q301	Q207	Q302	Q303	Q302	Q401
Q		Q201		Q202	Q206	Q205	Q203	Q204		Q306		Q401	Q301	Q208	Q210	Q209	
ADJ.	V406	V407	V404	V405	V402	V403	V401	V402	V403	V402	V401	V402	V403	V402	V401	V402	V403

2-14. SCHEMATIC DIAGRAM





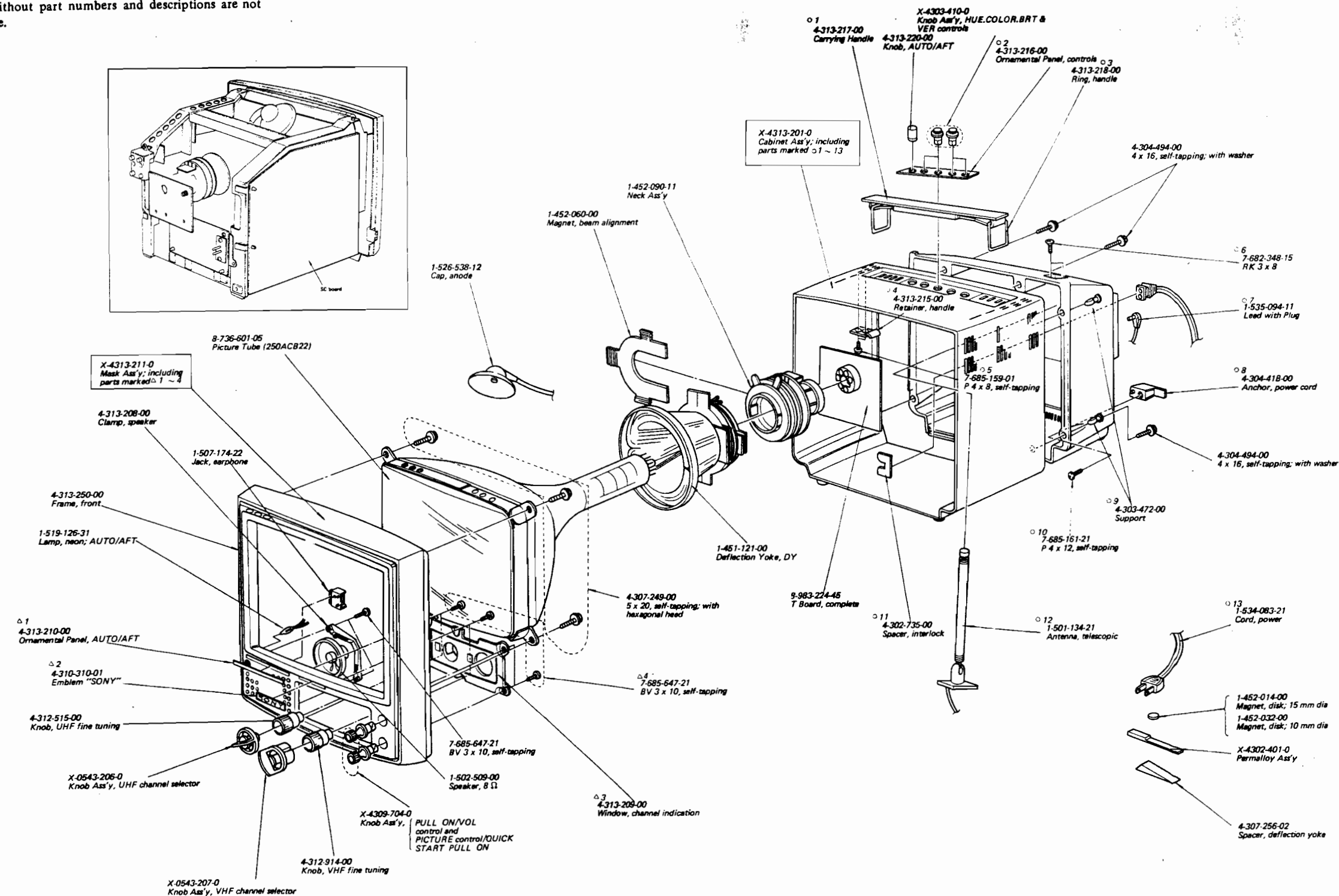
SECTION 3

EXPLODED VIEWS

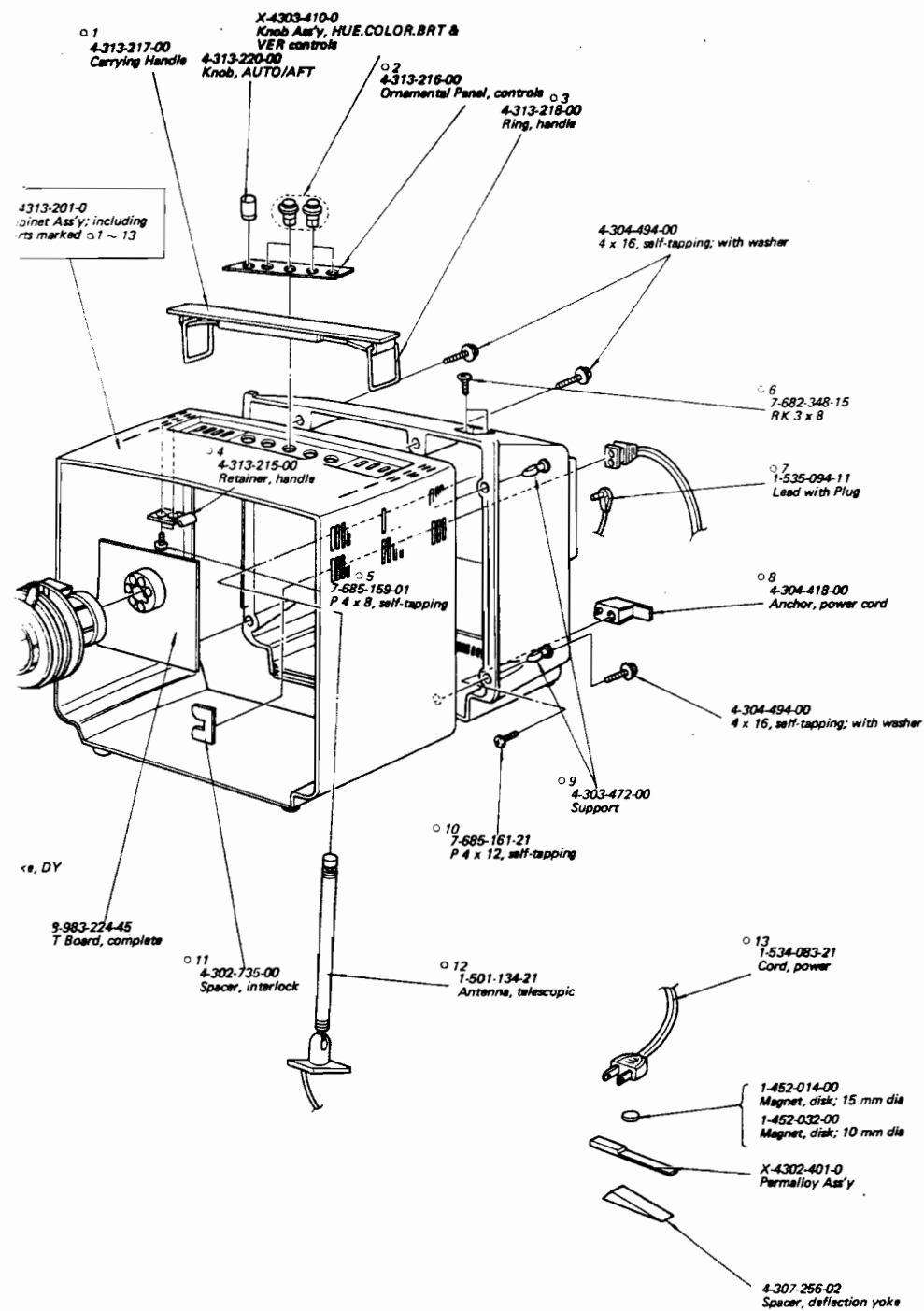
Note: All screws are Phillips (cross recess) type unless otherwise noted.

3-1. EXPLODED VIEW (1)

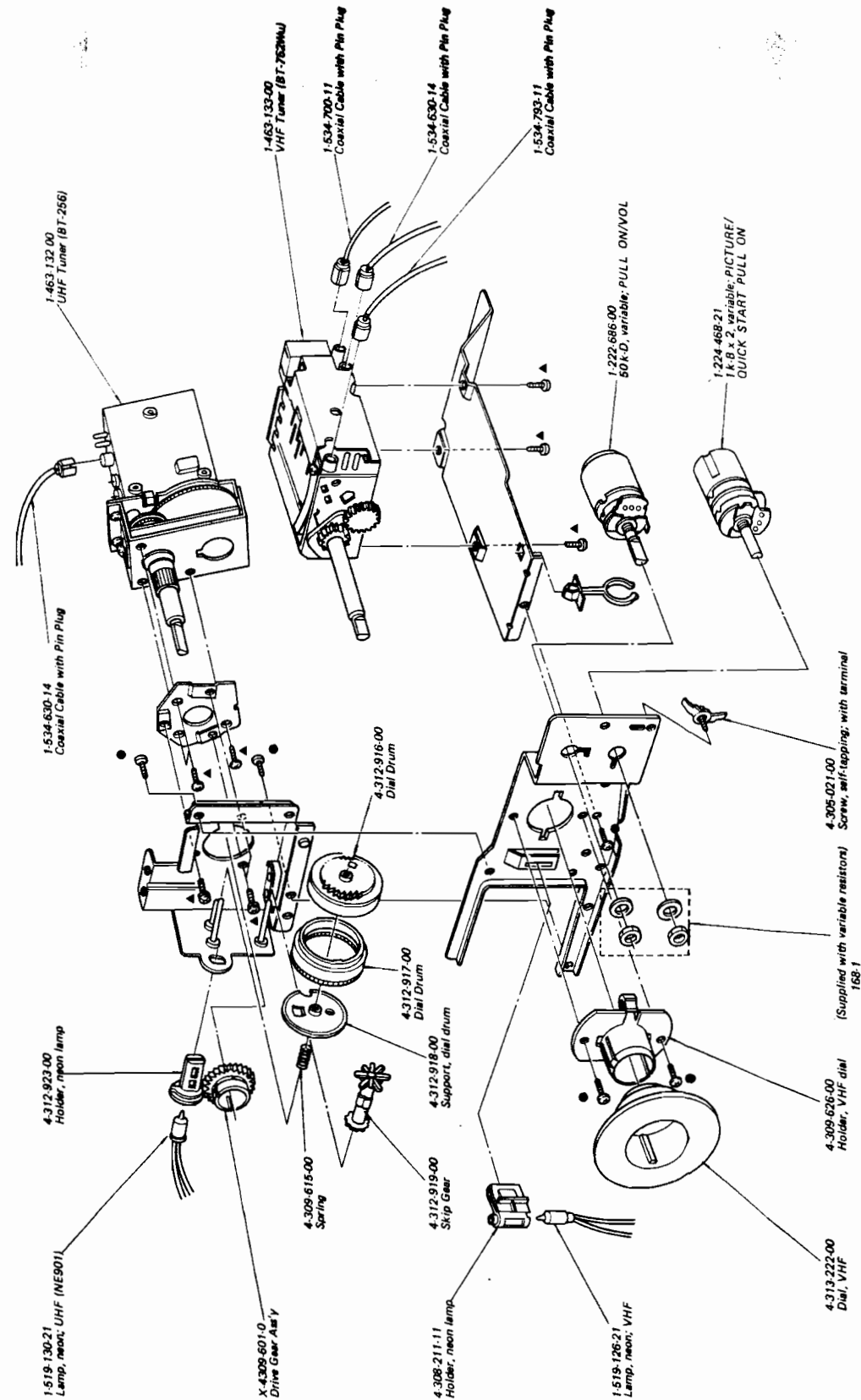
Note: Parts without part numbers and descriptions are not available.



3-2. EXPLODED VIEW (2)



- 21 -



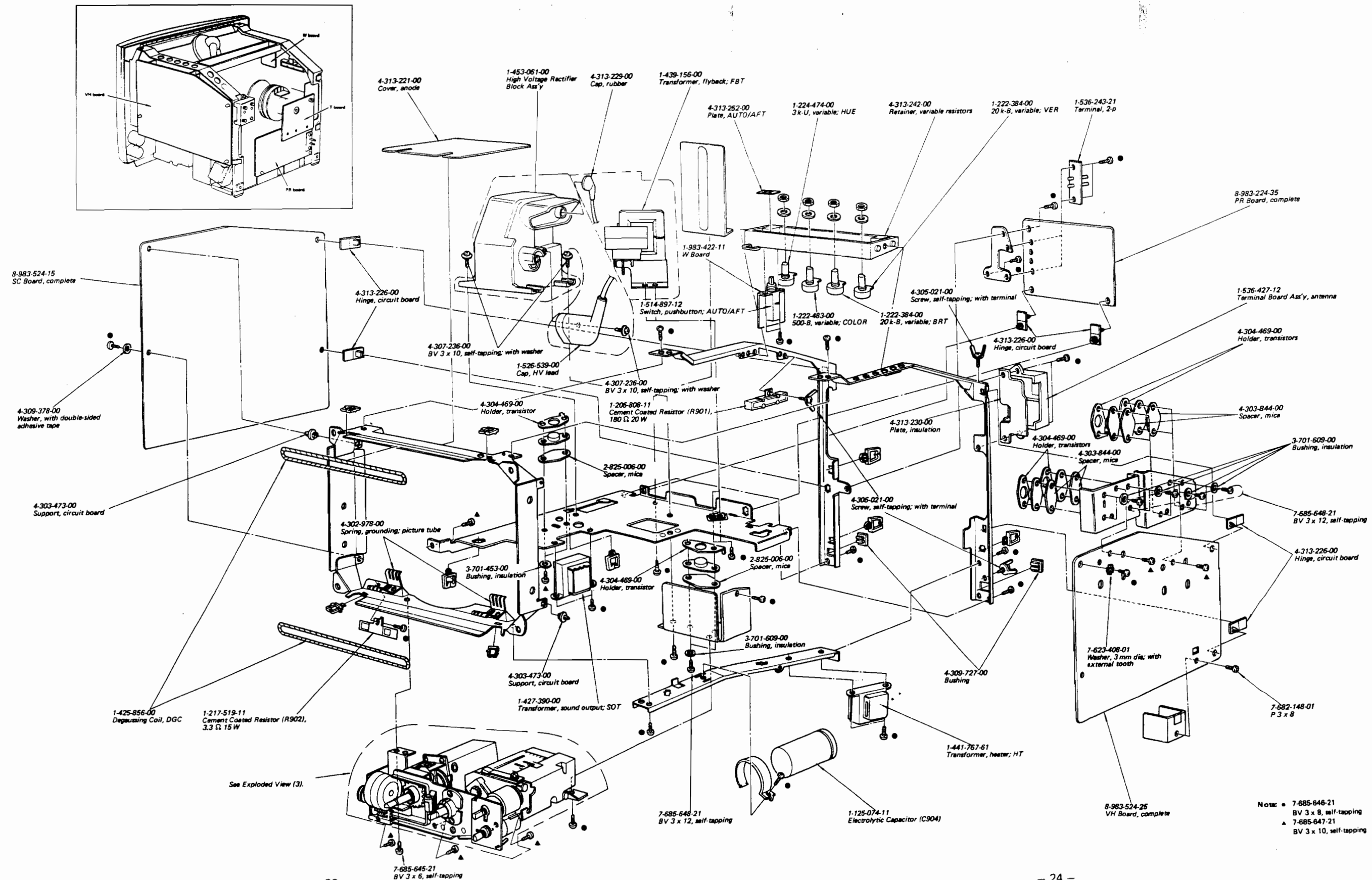
- 22 -

Note: • 7-685-646-21
 BV 3 x 8, self-tapping
 ▲ 7-682-646-01
 PS 3 x 5

KV-9200

KV-9200

3-3. EXPLODED VIEW (3)



KV-9200 KV-9200

SECTION 4
ELECTRICAL PARTS LIST

Ref. No. Part No. Description

TUNERS AND CIRCUIT BOARDS

1-463-132-00 UHF Tuner (BT-256)
 1-463-133-00 VHF Tuner (BT-752Wu)
 1-583-422-11 W Board
 8-983-224-35 PR Board, complete
 8-983-224-45 T Board, complete
 8-983-524-15 SC Board, complete
 8-983-524-25 VH Board, complete

SEMICONDUCTORS

Transistors (incl. FET), diodes and ICs are omitted. Refer to schematic diagram for type numbers.

PR601 1-800-065-00 Posistor
 SR901 1-800-032-00 Varistor TD-80
 Th201 1-800-071-00 Thermistor TH-350
 Th502 1-800-069-00 Thermistor TH-1500
 Th601 1-800-070-00 Thermistor TH-4700

COILS

L153 1-407-184-00 3.3 μ H microinductor
 L154 1-403-731-00 Transformer, automatic fine tuning; AFT-1
 L155 1-403-732-00 Transformer, automatic fine tuning; AFT-2
 L201 1-409-219-00 Transformer, video i-f; VIFT-T1
 L202 1-409-220-00 Transformer, video i-f; VIFT-T3
 L203 }
 L204 } 1-407-184-00 3.3 μ H, microinductor
 L205 }
 L206 1-407-184-00 3.3 μ H, microinductor
 L207 1-425-504-00 RFC
 L209 }
 L210 } 1-407-158-00 12 μ H, microinductor
 L211 1-407-169-00 100 μ H, microinductor
 L213 1-407-189-00 8.2 μ H, microinductor

Ref. No. Part No. Description

L214 1-407-171-00 150 μ H, microinductor
 L301 1-407-158-00 12 μ H, microinductor
 L302 1-407-661-00 470 μ H, microinductor
 L303 1-407-505-00 12 mH, microinductor
 L304 1-407-170-00 120 μ H, microinductor
 L305 1-407-162-00 27 μ H, microinductor

L306 }
 L307 } 1-407-661-00 470 μ H, microinductor
 L308 1-407-166-00 56 μ H, microinductor
 L309 1-407-557-00 680 μ H, microinductor

L401 }
 L402 } 1-407-167-00 68 μ H, microinductor
 L403 1-407-171-00 150 μ H, microinductor
 L405 1-409-193-00 Wave Trap, 3.58 MHz
 L406 1-415-042-00 Delay Line, DL

L501 1-407-646-00 1.5 mH, horizontal stability; HSC
 L502 1-407-191-00 470 μ H, core
 L503 1-407-493-00 1.2 mH, horizontal centering; HCC
 L504 1-407-364-00 Spook Choke
 L505 1-407-553-00 82 μ H, line choke

L506 1-407-556-00 Spook Choke
 L507 }
 L508 } 1-407-365-00 0.74 μ H, RFC
 L509 1-407-556-00 6.8 μ H, Spook Choke
 L510 1-407-364-00 3.3 μ H, Spook Choke

L701 }
 L702 } 1-407-189-00 8.2 μ H, microinductor
 L703 }

L901 1-451-121-00 Deflection Yoke, DY (incl. L907)
 L904 }
 L905 } 1-425-856-00 Degaussing, DGC

L907 1-452-056-44 Purity Improving, PIC (included in L901)
 L908 1-452-090-11 Neck Ass'y (incl. DPC)
 L909 1-407-157-00 10 μ H, microinductor

Ref. No. Part No. Description

TRANSFORMERS

T200 1-403-971-00 Video i-f, VIFT-5
 T201 1-403-971-00 Video i-f, VIFT-1
 T202 1-409-213-00 Video i-f, VIFT-T2
 T203 1-403-550-00 Video i-f, VIFT-2
 T204 1-403-550-00 Video i-f, VIFT-3
 T205 1-409-174-00 Video i-f, VIFT-T4
 T206 1-403-524-00 Video i-f, VIFT-4
 T207 1-409-146-00 Wave Trap, 4.5 MHz
 T208 1-403-866-00 Sound i-f, SIFT-1
 T209 1-403-871-00 Sound i-f, SIFT-2
 T301 1-425-670-00 Take-off, TOT
 T302 1-425-619-00 1st Band Pass, BPT-1
 T303 1-425-794-00 2nd Band Pass, BPT-2
 T304 1-405-372-00 Burst Amp, BAT
 T305 1-425-618-00 CW Oscillator, COT

T501 1-437-048-00 Horizontal Drive, HDT
 T502 1-439-137-00 Horizontal Output, HOT
 T503 1-435-008-00 Vertical Oscillator, VBT

T601 1-421-302-22 Line Filter, LFT

T801 1-439-156-00 Flyback, FBT

T901 1-441-767-61 Heater, HT
 T902 1-427-390-00 Sound Output, SOT

CAPACITORS

All capacitors are in μ F, 50 V, ceramic unless otherwise noted.
 p = μ F elect = electrolytic

C103 1-121-257-11 4.7 16 V nonpolarized

C151 1-102-941-11 4 p
 C153 }
 C154 } 1-102-100-11 0.0022
 C155 1-102-940-11 3 p

C156 1-102-526-11 75 p
 C157 1-102-496-11 82 p
 C158 }
 C159 } 1-102-100-11 0.0022

Ref. No. Part No. Description

C160 1-102-043-11 1000 p 500 V feedthrough

C201 1-102-976-11 180 p
 C202 }
 C203 } 1-101-002-11 0.0022
 C204 1-102-935-11 2 p
 C205 1-101-002-11 0.0022

C206 1-101-002-11 0.0022
 C207 }
 C208 } 1-101-003-11 0.0047
 C209 1-101-002-11 0.0022

C211 1-102-935-11 2 p
 C212 }
 C213 } 1-101-002-11 0.0022
 C214 }
 C215 }

C216 }
 C219 } 1-101-002-11 0.0022
 C220 1-102-944-11 7 p
 C221 1-102-662-11 7 p

C222 1-102-963-11 33 p
 C223 }
 C224 } 1-101-002-11 0.0022
 C225 1-102-947-11 10 p
 C226 1-102-856-11 5 p

C227 1-121-402-11 33 10 V elect
 C228 }
 C229 } 1-101-002-11 0.0022
 C230 }
 C231 1-121-398-11 10 25 V elect

C232 1-102-098-11 470 p
 C233 1-121-403-11 33 25 V elect
 C234 1-121-402-11 33 10 V elect
 C236 1-121-391-11 1 50 V elect

C237 1-108-630-31 0.022 100 V mylar
 C238 1-121-396-11 4.7 50 V elect
 C239 1-121-404-11 33 25 V elect
 C240 }
 C241 } 1-102-940-11 3 p

KV-9200

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>			
C242	1-102-947-11	10 p			
C243	1-102-958-11	20 p			
C244	1-102-942-11	5 p			
C245	1-108-638-31	0.1	100 V	mylar	
C246	1-121-415-11	100	16 V	elect	
C247	1-121-391-11	1	50 V	elect	
C248	1-101-006-11	0.047			
C249	1-102-668-11	15 p			
C250	1-101-455-11	0.001			
C251	1-101-006-11	0.047			
C252	1-102-973-11	100 p			
C253	1-108-626-31	0.01	100 V	mylar	
C254	1-121-391-11	1	50 V	elect	
C260	1-121-415-11	100	16 V	elect	
C263	1-101-002-11	0.0022			
C264	1-102-529-11	100 p			
C265	1-121-393-11	3.3	50 V	elect	
C266	1-102-942-11	5 p			
C301	1-121-416-11	100	25 V	elect	
C303 } C304 }	1-101-006-11	0.047			
C305	1-102-941-11	4 p			
C306	1-101-006-11	0.047			
C307	1-121-413-11	100	6.3 V	elect	
C308	1-101-006-11	0.047			
C309	1-121-651-11	10	16 V	elect	
C310	1-101-006-11	0.047			
C311	1-101-006-11	0.047			
C312	1-121-395-11	4.7	25 V	elect	
C313	1-101-002-11	0.0022			
C314	1-101-006-11	0.047			
C316	1-101-006-11	0.047			
C318	1-102-952-11	16 p			
C320	1-121-651-11	10	16 V	elect	
C321 } C322 }	1-101-006-11	0.047			
C323	1-102-888-11	150 p			
C324	1-101-006-11	0.047			
C325	1-102-961-11	27 p			
C326	1-102-961-11	27 p			
C327	1-102-959-11	22 p			
C328	1-102-074-11	0.001			
C329	1-102-961-11	27 p			
C330	1-102-941-11	4 p			
C331	1-102-765-11	120 p			
C332	1-101-006-11	0.047			
C333	1-121-395-11	4.7	25 V	elect	
C334	1-101-006-11	0.047			
C335	1-102-942-11	5 p			
C336	1-102-858-11	10 p			
C337	1-102-816-11	120 p			
C338 } C339 }	1-101-006-11	0.047			
C341	1-101-888-11	68 p			
C342	1-121-391-11	1	50 V	elect	
C343	1-102-959-11	22 p			
C345	1-101-006-11	0.047			
C346	1-101-880-11	47 p			
C347	1-101-006-11	0.047			
C348	1-102-965-11	39 p			
C350	1-102-886-11	82 p			
C351	1-102-958-11	20 p			
C352	1-102-961-11	27 p			
C353	1-102-958-11	20 p			
C354	1-102-961-11	27 p			
C355	1-102-959-11	22 p			
C356	1-102-953-11	18 p			
C357	1-102-961-11	27 p			
C358	1-102-953-11	18 p			
C359	1-102-961-11	27 p			
C360	1-102-959-11	22 p			
C361	1-102-973-11	100 p			
C362	1-101-002-11	0.0022			
C364	1-121-415-11	100	16 V	elect	

KV-9200

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>				<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>			
C401	1-102-983-11	220 p				C531	1-127-307-11	10	16 V	solid aluminum	
C402 }	1-102-858-11	10 p				C532	1-121-479-11	22	16 V	elect	
C403 }						C533	1-127-024-11	2.2	10 V	solid aluminum	
C404	1-121-450-11	2.2	50 V	elect		C534	1-121-391-11	1	50 V	elect	
C405	1-121-726-11	0.47	50 V	elect		C535	1-121-917-11	20	100 V	elect	
C406	1-121-951-11	0.47	50 V	elect		C536	1-101-006-11	0.047			
C407	1-121-391-11	0.47	50 V	elect		C537	1-121-409-11	47	16 V	elect	
C413	1-108-692-31	0.01	200 V	mylar		C538 }	1-121-450-11	2.2	50 V	elect	
C414	1-102-944-11	7 p				C539 }					
C415	1-102-963-11	33 p				C540	1-121-751-11	330	6.3 V	elect	
C416	1-108-638-31	0.1	100 V	mylar		C542	1-108-690-31	0.0068	200 V	mylar	
C417	1-108-692-31	0.01	200 V	mylar		C545 }	1-102-973-11	100 p			
C501	1-102-947-11	10 p				C546 }					
C502 }	1-108-632-31	0.033	100 V	mylar		C549	1-108-628-31	0.015	100 V	mylar	
C503 }						C550	1-108-622-31	0.0047	100 V	mylar	
C504	1-121-391-11	1	50 V	elect		C552 }	1-101-004-11	0.01			
C505	1-108-634-31	0.047	100 V	mylar		C556 }					
C506	1-121-395-11	4.7	25 V	elect		C557	1-129-936-11	7500 p	1.5 kV	film	
C507	1-108-638-31	0.1	100 V	mylar		C558	1-121-450-11	2.2	50 V	elect	
C508	1-121-405-11	33	50 V	elect		C559	1-123-116-11	1	160 V	elect	
C509	1-106-212-12	0.047	100 V	mylar		C560	1-129-946-11	1,3000 p	1 kV	film	
C510	1-106-188-12	0.0047	100 V	mylar		C561	1-101-003-11	0.0047			
C511	1-106-184-12	0.0033	100 V	mylar		C562	1-102-975-11	100 p			
C512	1-108-638-31	0.1	100 V	mylar		C563	1-102-219-11	680 p	1 kV		
C515	1-108-626-31	0.01	100 V	mylar		C564	1-102-327-11	330 p	1.5 kV		
C517	1-102-219-11	680 p	1 kV			C565	1-102-327-11	330 p	1.5 kV		
C518	1-108-638-31	0.1	100 V	mylar		C566	1-108-634-31	0.047	100 V	mylar	
C519	1-108-549-11	0.68	200 V	mylar		C567 }	1-108-700-31	0.047	200 V	mylar	
C520	1-121-999-11	10	160 V	elect		C568 }					
C521	1-121-148-11	1	100 V	elect		C569 }					
C522	1-123-024-11	33	160 V	elect		C570	1-102-820-11	330 p			
C523	1-121-416-11	100	25 V	elect		C601	1-108-745-11	0.22	250 V	mylar	
C524	1-121-396-11	4.7	50 V	elect		C602	1-102-189-11	0.0047	150 V ac		
C525	1-101-810-11	100 p	500 V	elect		C607	1-101-807-11	40 p	500 V		
C526	1-108-634-31	0.047	100 V	mylar		C701	1-102-115-11	560 p			
C527	1-121-405-11	33	50 V	elect		C702 }	1-102-113-11	390 p			
C528	1-121-738-11	10	50 V	elect		C703 }					
C529 }	1-108-626-31	0.01	100 V	mylar		C704	1-119-327-11	0.47	500 V	elect	
C530 }											

Ref. No. Part No. Description

C705	1-129-739-11	0.1 630 V film
C904 ^{A)} C905 ^{B)}	1-125-074-11	470 + 10 200 V elect
	1-105-797-13	0.022 400 V mylar
CV201	1-141-138-00	5 p, trimmer

RESISTORS

All resistors are in ohms. $\frac{1}{4}$ W, ± 5 %, carbon resistors are omitted. Check schematic diagram for resistance values.

k = 1000, M = 1000 k

R153	1-244-859-11	270 $\frac{1}{2}$ W carbon
R253	1-244-859-11	270 $\frac{1}{2}$ W carbon
R268	1-206-646-11	180 2 W metal oxide
R508	1-206-129-11	1.2 k 2 W metal oxide
R520	1-211-453-11	1.2 k $\frac{1}{8}$ W carbon (non-combustible)
R523	1-202-601-11	15 k $\frac{1}{2}$ W composition
* R524	1-212-373-11	12 1 W metal oxide (non-combustible)
	1-212-374-11	15 1 W metal oxide (non-combustible)
	1-212-375-11	18 1 W metal oxide (non-combustible)
	1-212-376-11	22 1 W metal oxide (non-combustible)
R526	1-211-557-11	3.9 k $\frac{1}{4}$ W carbon (non-combustible)
R527	1-206-109-11	27 k 1 W composition
R531	1-244-893-11	6.8 k $\frac{1}{2}$ W carbon
R549	1-207-471-11	4.7 $\frac{1}{2}$ W wirewound
R552	1-206-110-11	33 k 1 W metal oxide
R554	1-244-907-11	27 k $\frac{1}{2}$ W carbon
R558	1-244-829-11	15 $\frac{1}{2}$ W carbon
R561	1-244-879-11	1.8 k $\frac{1}{2}$ W carbon
R563	1-244-915-11	56 k $\frac{1}{2}$ W carbon
R564	1-244-901-11	15 k $\frac{1}{2}$ W carbon
R565	1-244-899-11	12 k $\frac{1}{2}$ W carbon
R566	1-206-343-11	560 3 W cement coated

*: to be selected

Ref. No. Part No. Description

R569	1-206-118-11	22 2 W metal oxide
R571	1-244-861-11	330 $\frac{1}{2}$ W carbon
R573	1-206-640-11	100 2 W metal oxide (non-combustible)
R576	1-206-749-11	10 k 3 W metal oxide (non-combustible)
R580 } R581 }	1-217-153-11	0.47 2 W cement coated
R582	1-206-493-11	1.8 3 W metal oxide
R583	1-211-401-11	4.7 $\frac{1}{8}$ W carbon (non-combustible)
R601	1-217-321-11	820 5 W cement coated
R602	1-213-157-11	15 k 1 W metal oxide (non-combustible)
R604	1-211-929-11	82 $\frac{1}{8}$ W carbon (non-combustible)
R605	1-211-427-11	100 $\frac{1}{8}$ W carbon (non-combustible)
R606	1-213-161-11	33 k 1 W metal oxide (non-combustible)
R607	1-202-643-11	820 k $\frac{1}{2}$ W composition
R610	1-213-161-11	33 k 1 W metal oxide (non-combustible)
R612	1-211-435-11	220 $\frac{1}{8}$ W carbon (non-combustible)
R711 } R712 } R713 }	1-206-133-11	12 k 2 W metal oxide
R714 } R715 } R716 }	1-202-581-11	2.2 k $\frac{1}{2}$ W composition
R717	1-202-621-11	100 k $\frac{1}{2}$ W composition
R718	1-202-637-11	470 k $\frac{1}{2}$ W composition
R719	1-202-629-11	220 k $\frac{1}{2}$ W composition
R721	1-202-617-11	68 k $\frac{1}{2}$ W composition
R726	1-202-633-11	330 k $\frac{1}{2}$ W composition
R807	1-202-581-11	2.2 k $\frac{1}{2}$ W composition
R901	1-205-808-11	180 20 W cement coated
R902	1-217-519-11	3.3 15 W cement coated

KV-9200

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
VR201	1-222-516-00	470-B, adjustable; TUNER AGC
VR202	1-222-515-00	330-B, adjustable; SOUND REJ
VR203	1-222-517-00	1 k-B, adjustable; VIF AGC
VR301	1-222-517-00	1 k-B, adjustable; ACC
VR302	1-222-518-00	4.7 k-B, adjustable; HUE
VR402	1-222-344-00	5 k-B, adjustable; B. BKG
VR404	1-222-344-00	5 k-B, adjustable; R. BKG
VR406	1-222-344-00	5 k-B, adjustable; G. BKG
VR501	1-222-786-00	22 k-B, adjustable; H. FREQ
VR502	1-223-102-00	120-B, adjustable; TILT
VR503	1-223-102-00	120-B, adjustable; H. CENT
VR504	1-222-786-00	22 k-B, adjustable; PIN
VR505	1-222-344-00	5 k-B, adjustable; H. SIZE
VR506	1-222-512-00	10 k-B, adjustable; V. SIZE
VR507	1-222-512-00	10 k-B, adjustable; V. LIN
VR601	1-222-785-00	2.2 k-B, adjustable; 130 V ADJ
VR701	1-222-515-00	330-B, adjustable; B. DRIVE
VR702	1-222-515-22	330-B, adjustable; G. DRIVE
VR703	1-222-515-00	330-B, adjustable; R. DRIVE
VR704	1-222-809-00	500 k-B, adjustable; SCR N
VR801	1-244-480-00	51 M-B, adjustable; H. STAT
S902 } VR901 }	1-224-468-21	1 k-B x 2, variable; PICTURE/QUICK START PULL ON
VR902	1-222-384-00	20 k-B, variable; VER
S903 } VR903 }	1-222-686-00	50 k-D, variable; PULL ON/VOL
VR904	1-222-384-00	20 k-B, variable; BRT
VR905	1-224-474-00	3 k-U, variable; HUE
VR906	1-222-483-00	500-B, variable; COLOR

MISCELLANEOUS

DC801	1-453-061-00	High Voltage Rectifier Block Ass'y including: 1-224-480-00 51 M-B, adjustable; H. STAT (VR801)
-------	--------------	---

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
	1-526-538-12	Cap, anode
	1-526-539-00	Cap, HV lead
	1-202-581-11	2.2 k $\frac{1}{2}$ W composition (R807)
F601	1-532-213-00	Fuse, 4 A
R602	1-532-268-00	Fuse, 2 A
J901	1-507-174-22	Jack, earphone
NE901	1-519-130-21	Lamp, neon; UHF
NE902	1-519-126-21	Lamp, neon; VHF
NE903	1-519-126-31	Lamp, neon; AUTO/AFT
SG701 } SG702 } SG703 } SG704 } SG705 }	1-519-063-00	Spark Gap, 1.5 kV
S301	1-514-897-12	Switch, pushbutton; AUTO/AFT
X301	1-527-154-00	Crystal, 3.58 MHz
	1-452-014-00	Magnet, disk; 15 mm dia
	1-452-032-00	Magnet, disk; 10 mm dia
	1-452-060-00	Magnet, beam alignment
	1-501-134-21	Antenna, telescopic
	1-502-509-00	Speaker, 8 Ω
	1-526-086-21	Socket, picture tube
	1-534-083-21	Cord, power
	1-534-630-14	Coaxial Cable with Pin Plug
	1-534-700-11	Coaxial Cable with Pin Plug
	1-534-870-21	Feeder
	1-534-793-11	Coaxial Cable with Pin Plug
	1-536-243-21	Terminal, 2-p
	1-536-427-12	Terminal Board Ass'y, antenna
	1-535-094-11	Lead with Plug
	8-736-601-05	Picture Tube (250ACB22)